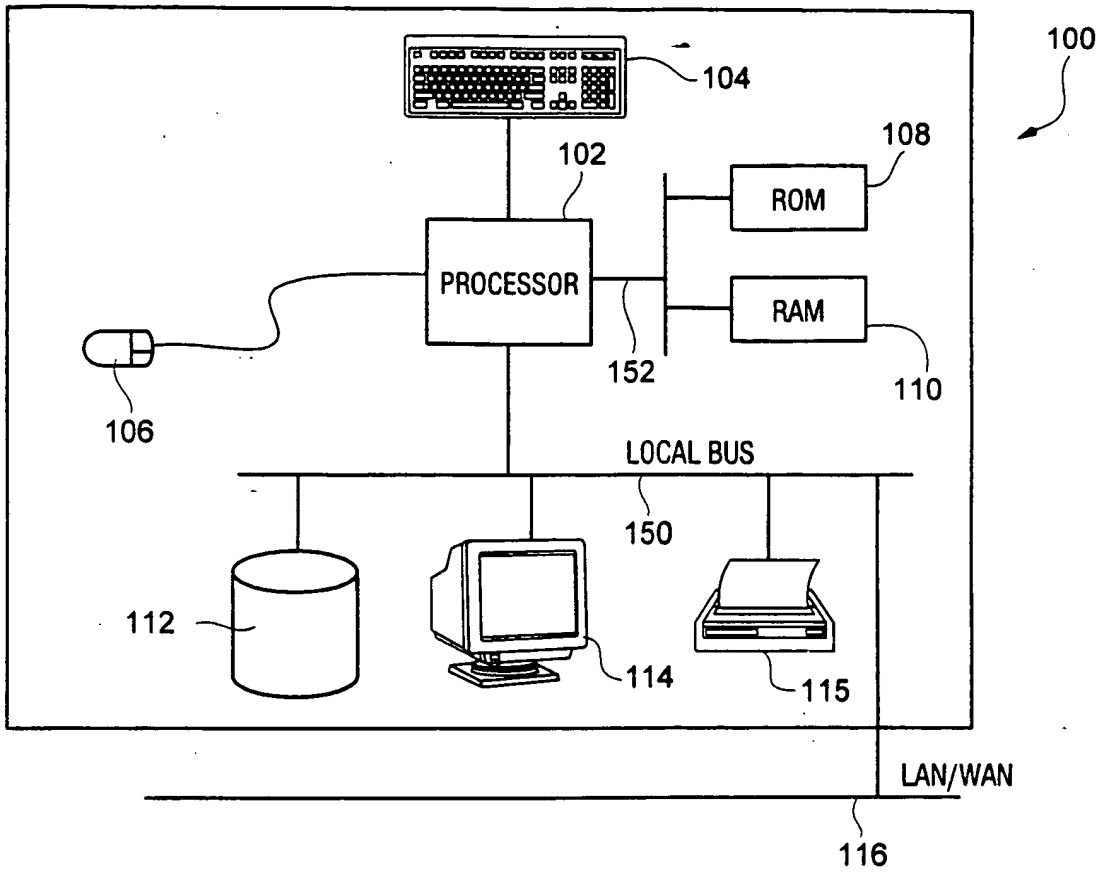

100
104
102
108
ROM
PROCESSOR
RAM
152
110
106
LOCAL BUS
150
112
114
115
LAN/WAN
116

FIG. 1

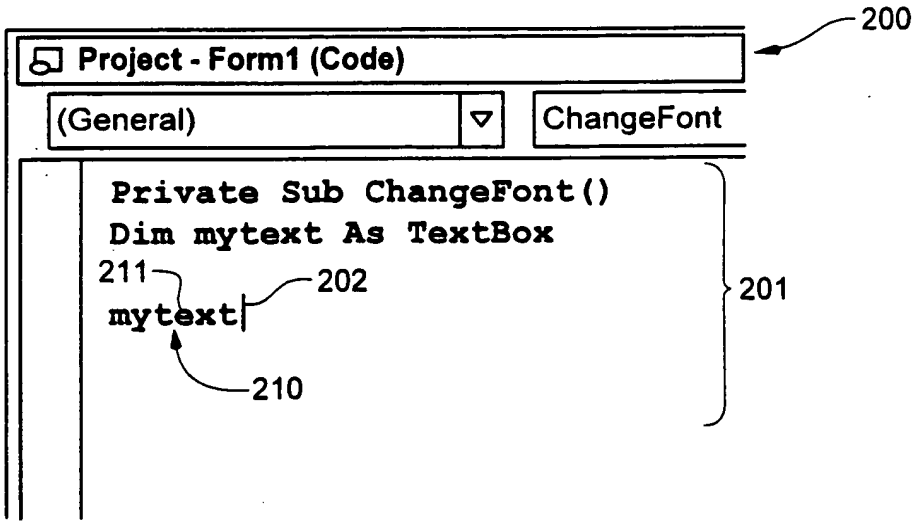

200
Project - Form1 (Code)
(General)
ChangeFont
Private Sub ChangeFont()
Dim mytext As TextBox
211
202
mytext
210
201

FIG. 2

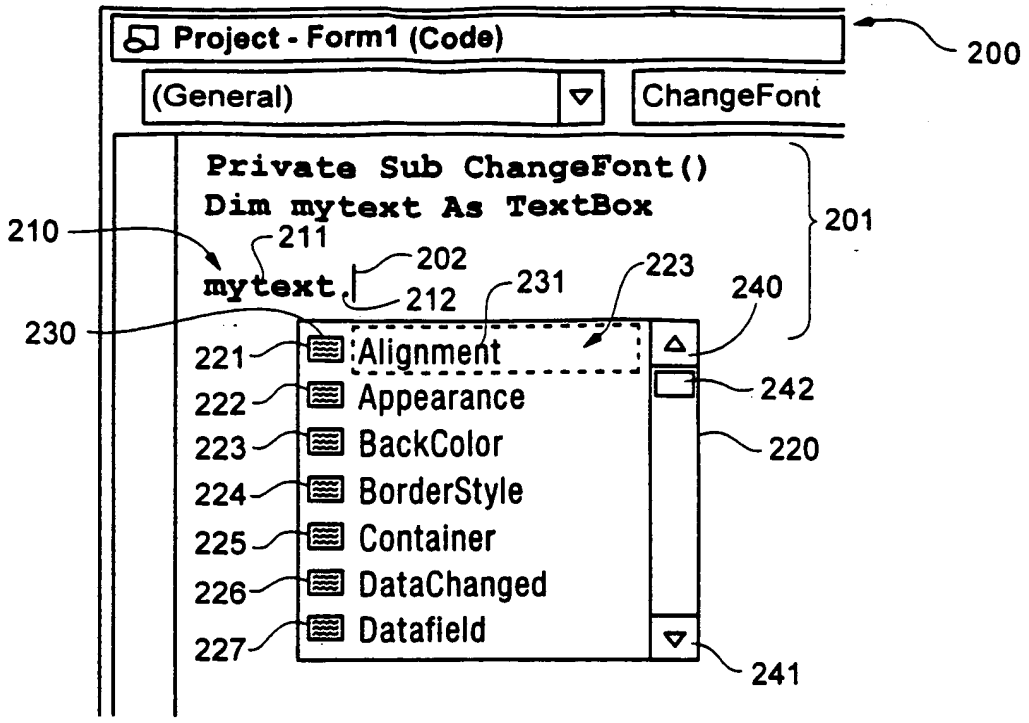

Project - Form1 (Code)
200
(General)
ChangeFont
Private Sub ChangeFont()
Dim mytext As TextBox
mytext.
201
210
211
202
212
231
223
240
230
221 Alignment
222 Appearance
223 BackColor
224 BorderStyle
225 Container
226 DataChanged
227 Datafield
242
220
241

FIG. 3

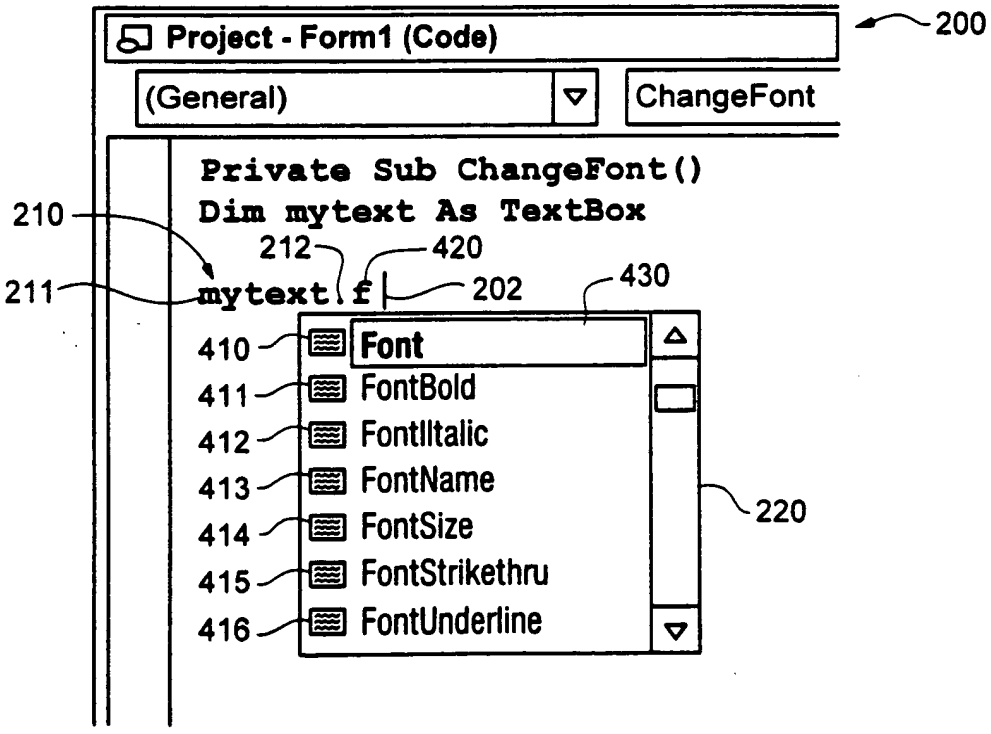

Project - Form1 (Code)
200
(General)
ChangeFont
Private Sub ChangeFont()
Dim mytext As TextBox
210
212
420
211
mytext.f
202
430
410 Font
411 FontBold
412 FontIItalic
413 FontName
414 FontSize
415 FontStrikethru
416 FontUnderline
220

FIG. 4

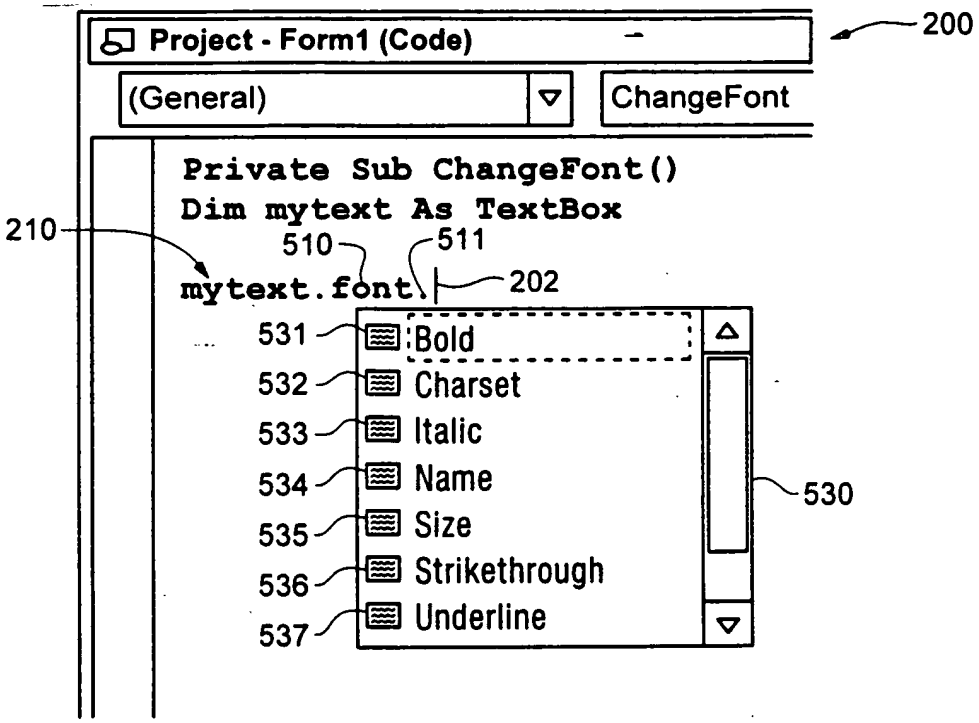

Project - Form1 (Code)
200
(General)
ChangeFont
Private Sub ChangeFont()
Dim mytext As TextBox
210
510
511
mytext.font
202
531
Bold
532
Charset
533
Italic
534
Name
535
Size
536
Strikethrough
537
Underline
530

FIG. 5

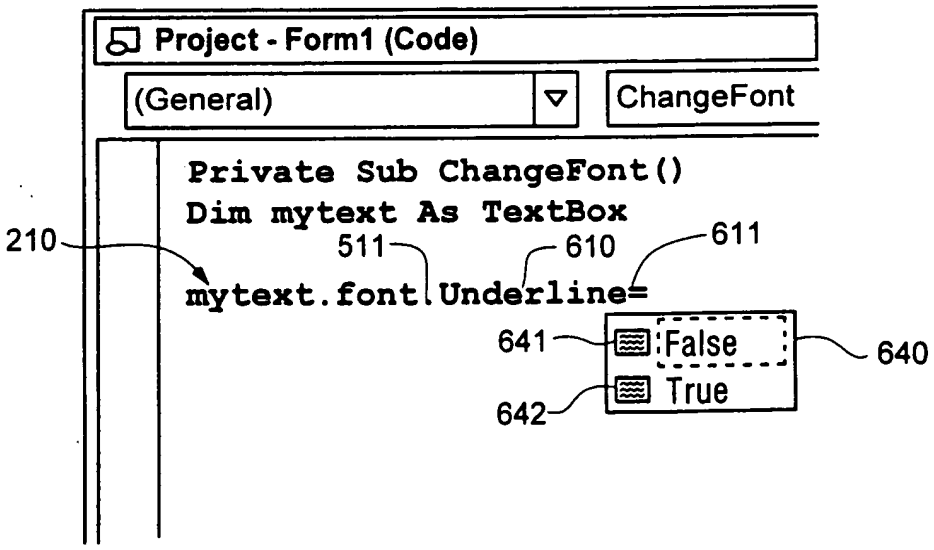

Project - Form1 (Code)
(General)
ChangeFont
Private Sub ChangeFont()
Dim mytext As TextBox
210
511
610
611
mytext.font.Underline=
641
False
640
642
True

FIG. 6

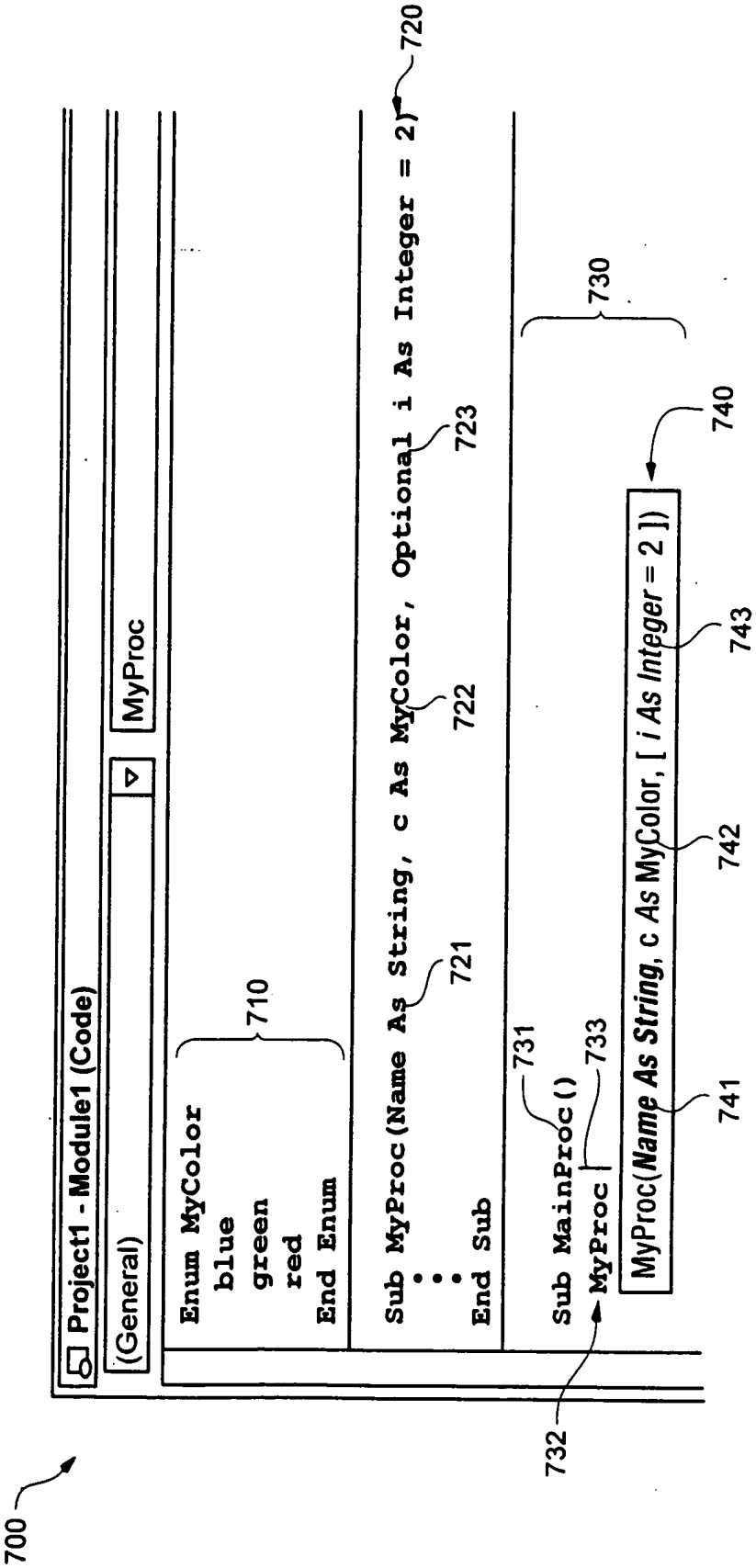

700
Project1 - Module1 (Code)
(General)
MyProc
Enum MyColor
blue
green
red
End Enum
710
Sub MyProc(Name As String, c As MyColor, Optional i As Integer = 2)
721
722
723
720
End Sub
731
Sub MainProc()
732
MyProc
733
MyProc(Name As String, c As MyColor, [i As Integer = 2])
741
742
743
740
730

FIG. 7

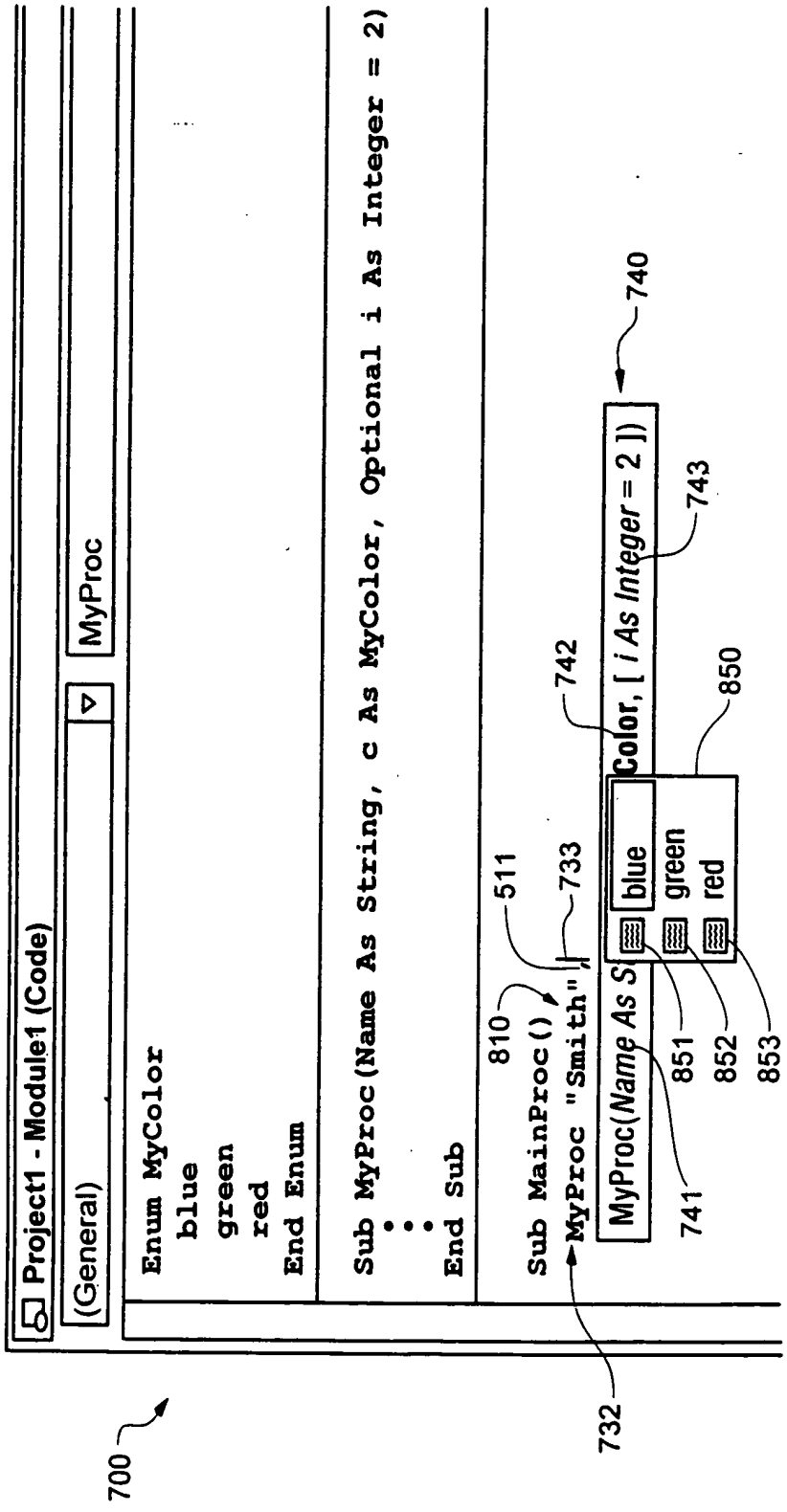

Project1 - Module1 (Code)
(General)
MyProc
Enum MyColor
blue
green
red
End Enum
Sub MyProc(Name As String, c As MyColor, Optional i As Integer = 2)
End Sub
Sub MainProc()
MyProc "Smith"
MyProc(Name As S
blue
green
red
Color, [i As Integer = 2])
700
732
733
741
742
743
740
850
851
852
853
810
511

FIG. 8

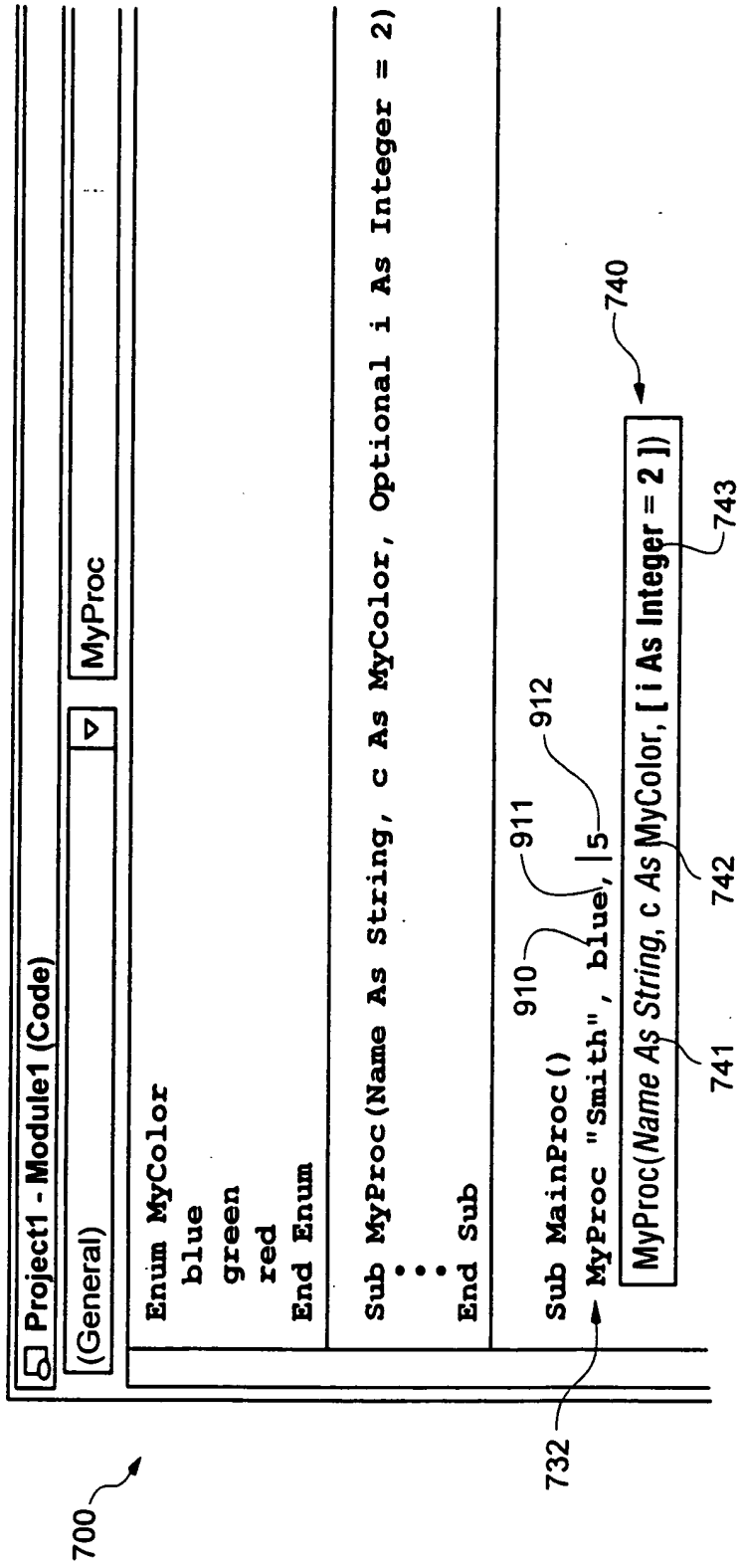

Project1 - Module1 (Code)
(General)
MyProc
Enum MyColor
blue
green
red
End Enum
Sub MyProc(Name As String, c As MyColor, Optional i As Integer = 2)
End Sub
Sub MainProc()
MyProc "Smith", blue, 5
MyProc(Name As String, c As MyColor, [i As Integer = 2])
700
732
910
911
912
740
741
742
743

FIG. 9

FIG. 10

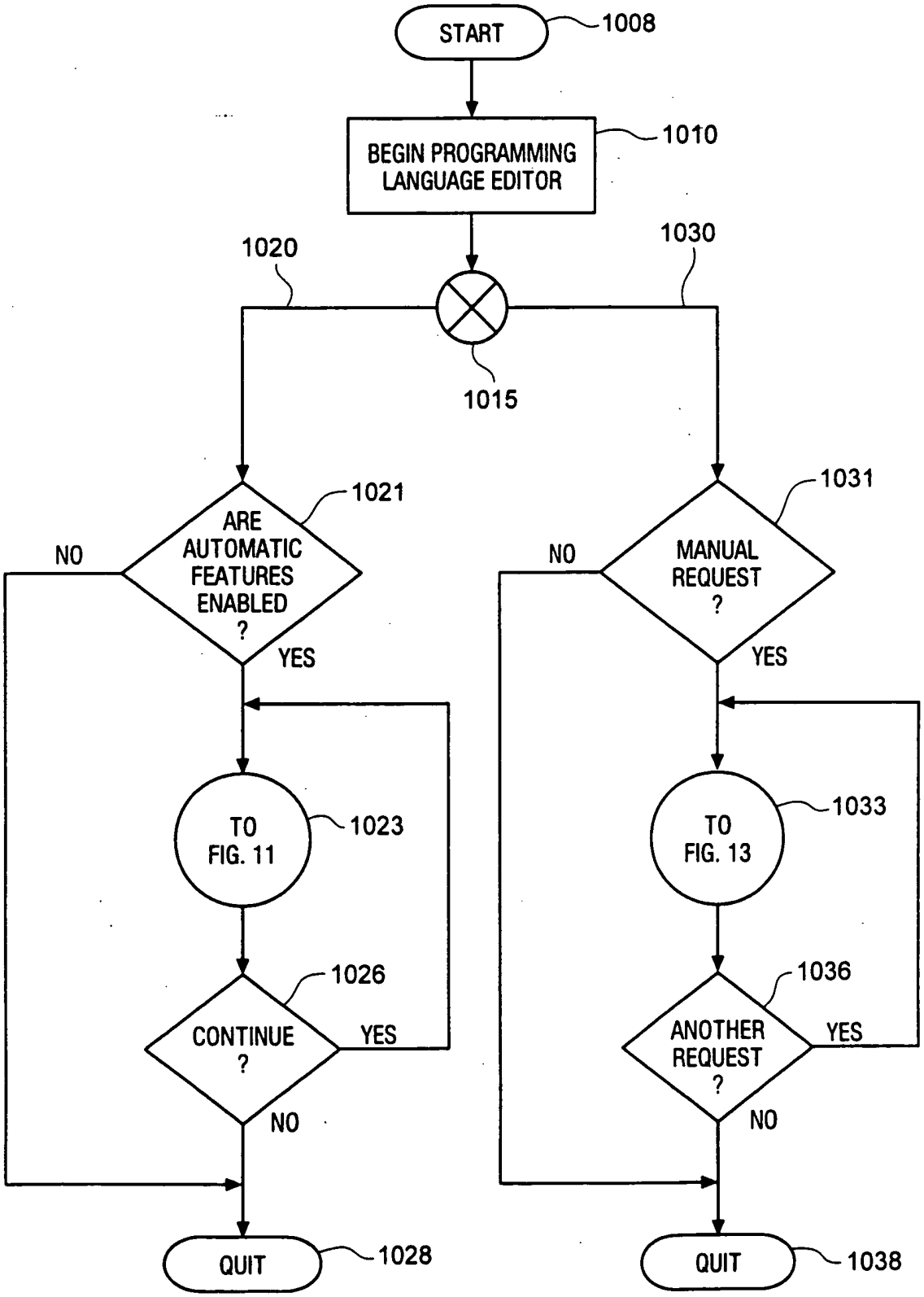

START
1008
BEGIN PROGRAMMING LANGUAGE EDITOR
1010
1020
1030
1015
ARE AUTOMATIC FEATURES ENABLED ?
1021
NO
YES
MANUAL REQUEST ?
1031
NO
YES
TO FIG. 11
1023
TO FIG. 13
1033
CONTINUE ?
1026
YES
NO
ANOTHER REQUEST ?
1036
YES
NO
QUIT
1028
QUIT
1038

FIG. 11

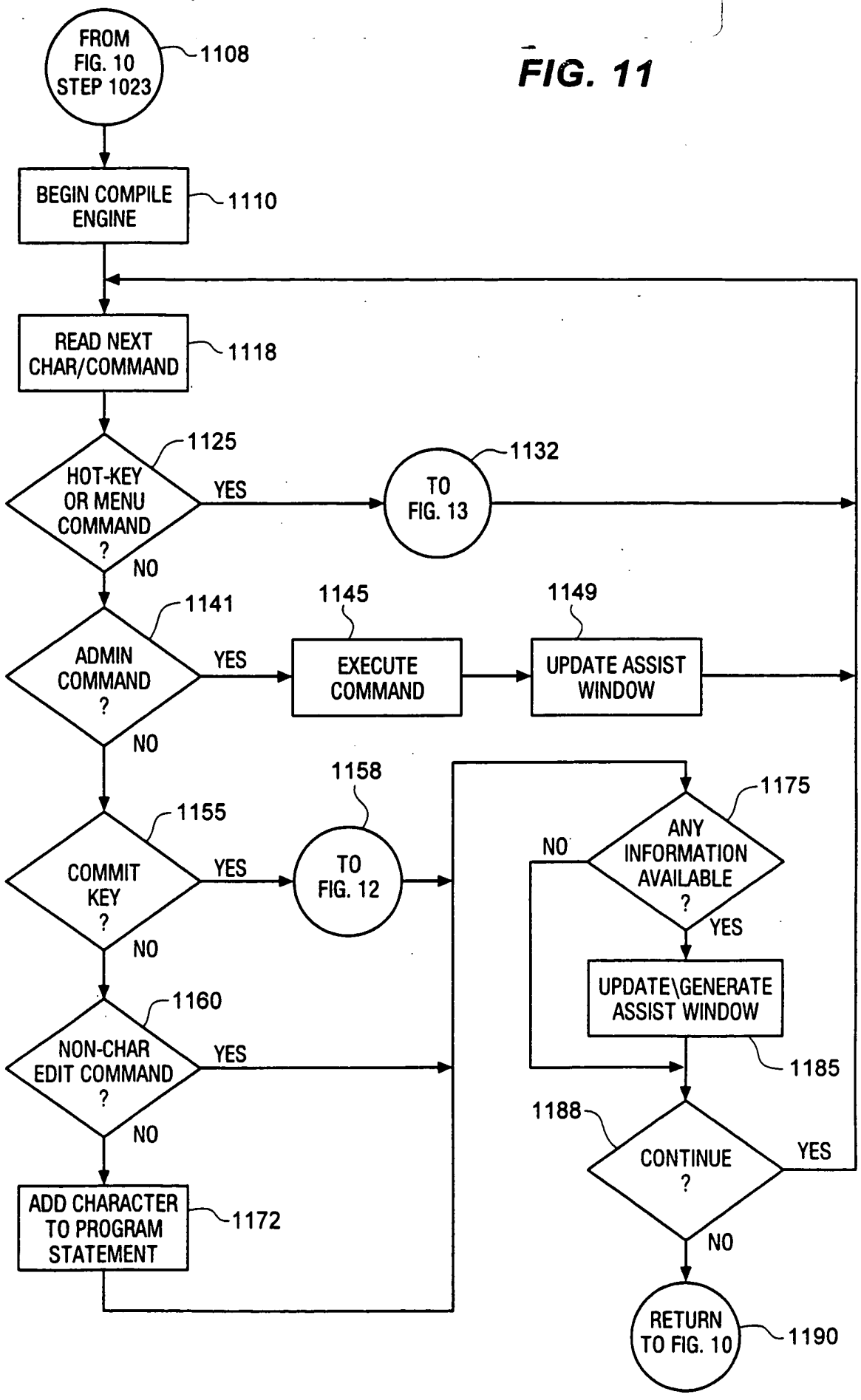
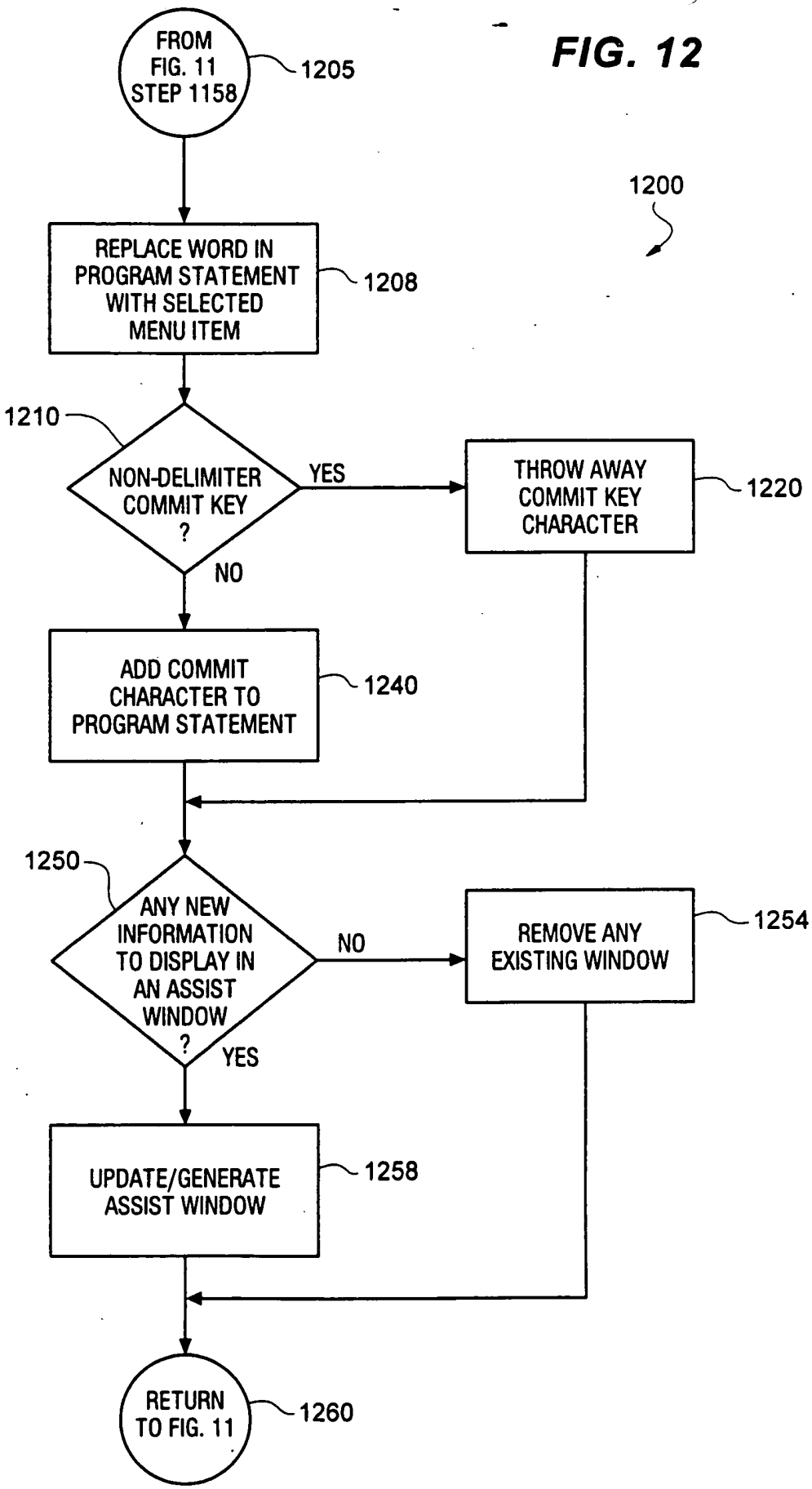

FROM FIG. 10 STEP 1023
1108
BEGIN COMPILE ENGINE
1110
READ NEXT CHAR/COMMAND
1118
HOT-KEY OR MENU COMMAND ?
1125
YES
TO FIG. 13
1132
NO
ADMIN COMMAND ?
1141
YES
EXECUTE COMMAND
1145
UPDATE ASSIST WINDOW
1149
NO
COMMIT KEY ?
1155
YES
TO FIG. 12
1158
NO
NON-CHAR EDIT COMMAND ?
1160
YES
NO
ADD CHARACTER TO PROGRAM STATEMENT
1172
ANY INFORMATION AVAILABLE ?
1175
NO
YES
UPDATE\GENERATE ASSIST WINDOW
1185
CONTINUE ?
1188
YES
NO
RETURN TO FIG. 10
1190

FIG. 12



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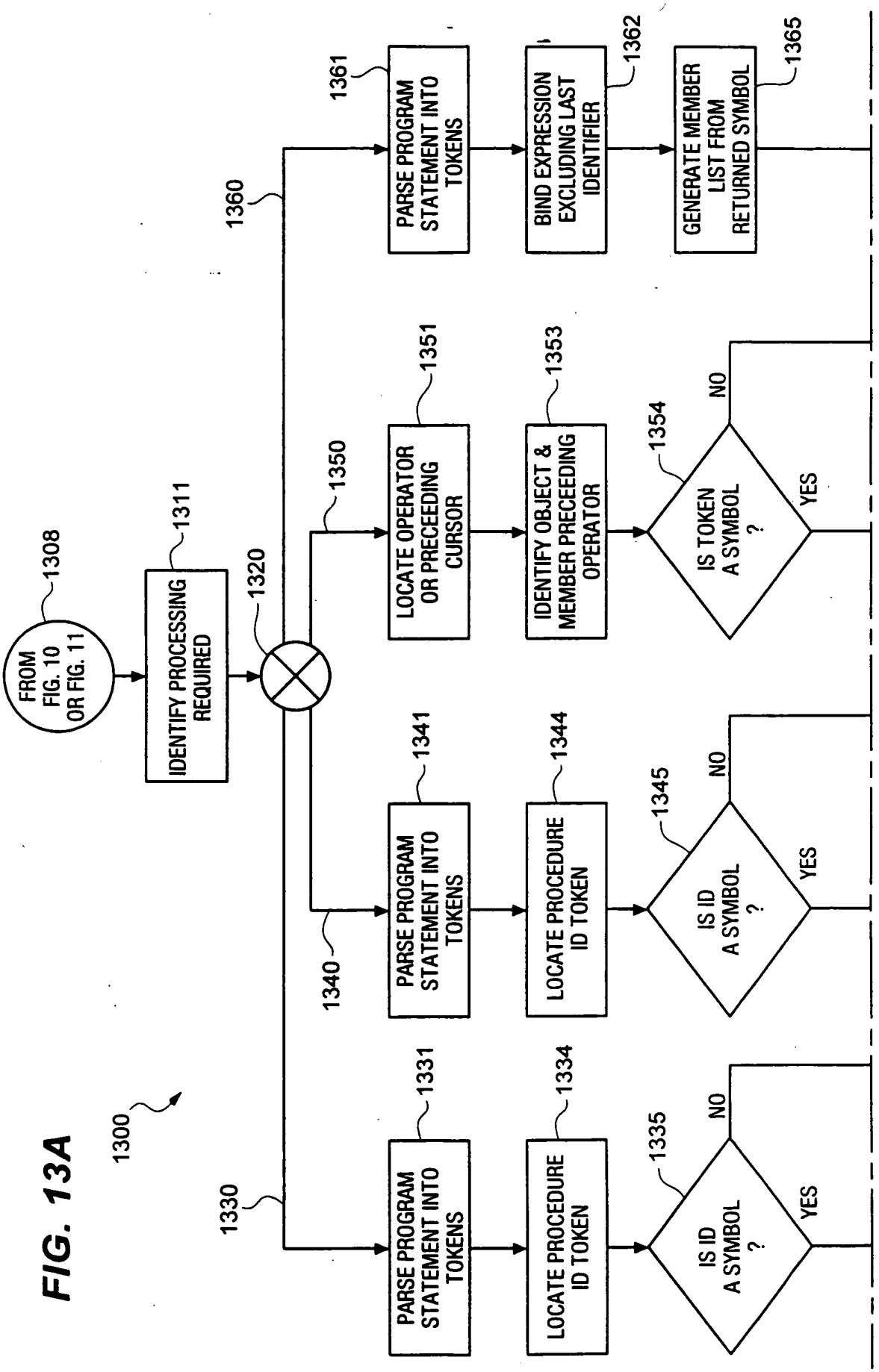
"DEBOT" 60402660

FIG. 13A



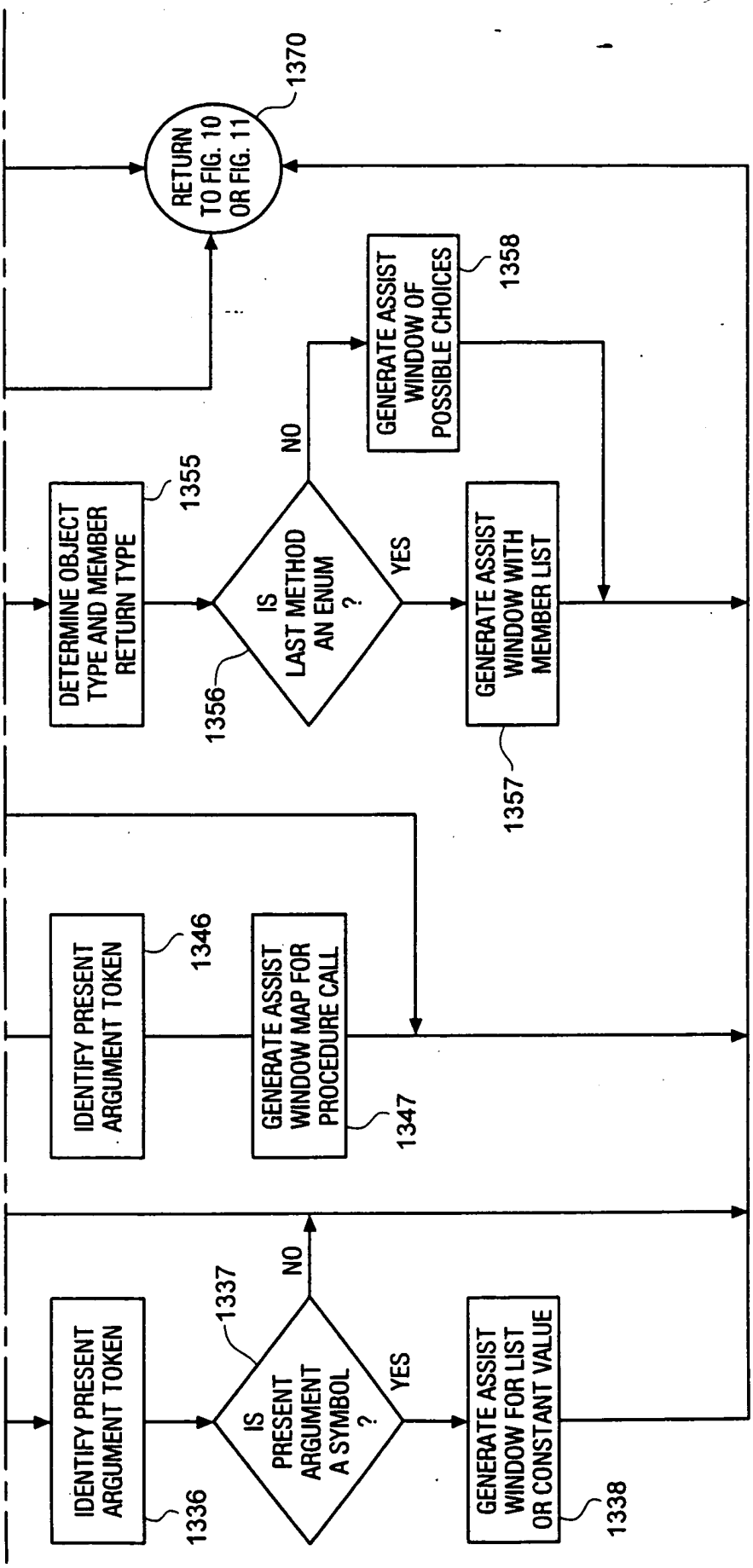

IDENTIFY PRESENT ARGUMENT TOKEN
1336
IS PRESENT ARGUMENT A SYMBOL ?
1337
NO
YES
GENERATE ASSIST WINDOW FOR LIST OR CONSTANT VALUE
1338
IDENTIFY PRESENT ARGUMENT TOKEN
1346
GENERATE ASSIST WINDOW MAP FOR PROCEDURE CALL
1347
DETERMINE OBJECT TYPE AND MEMBER RETURN TYPE
1355
IS LAST METHOD AN ENUM ?
1356
NO
YES
GENERATE ASSIST WINDOW OF POSSIBLE CHOICES
1358
GENERATE ASSIST WINDOW WITH MEMBER LIST
1357
RETURN TO FIG. 10 OR FIG. 11
1370

FIG. 13B